

**ABSTRACT OF THE DISCLOSURE**

A built-in antenna for being installed in a housing of insulating material has a metal plate that has a radiating portion and a feeder terminal. The radiating portion has a plurality of penetrating holes to be fitted to a plurality of protrusions provided on the housing side, and a plate spring that is formed extending from an edge of each of the plurality of penetrating holes to the center of the each of the plurality of penetrating holes.